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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,945	07/21/2003	William A. Bull	706359US1	4629

7590 09/21/2004

Ralph E Smith
DaimlerChrysler Intellectual Capital Corporation
CIMS 483-02-19
800 Chrysler Drive
Auburn Hills, MI 48326-2757

EXAMINER

ENGLE, PATRICIA LYNN

ART UNIT	PAPER NUMBER
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3612

DATE MAILED: 09/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/623,945

Applicant(s)

BULL ET AL.

Examiner

Patricia L Engle

Art Unit

3612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 10 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 and 12-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6, 10, 12 and 15 is/are rejected.
- 7) ☒ Claim(s) 4, 5, 7-9, 13, 14 and 16-18 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-4, 6-8, 10-13, 15-17, 19 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Sutton et al. (US Patent 6,692,052).

Regarding claims 1 and 10, Sutton et al. disclose a body-on-frame apparatus for a vehicle, the body-on-frame apparatus comprising: a vehicle frame (14,102) adapted for receiving a vehicle body (12,104); and a vehicle body (12,104) mounted on the frame in a spaced relationship thereto, and including a localized area (104) that is downwardly deflectable (column 4, lines 29-31) when an operating load (inherent) is applied to the localized area (104) of the body; the localized area (104) of the body forming a localized substantially vertical gap (Fig. 5) between the frame (102) and the localized area (104) of the body (12), when the body is mounted on the frame (14,102) in a spaced relationship thereto, that closes (column 4, lines 29-31) and allows the localized area (104) of the body to contact the vehicle frame (102) for resisting further localized deflection of the localized area of the body when the operating load is applied to the localized area (104) of the body.

Art Unit: 3612

Regarding claim 2, Sutton et al. disclose the body-on-frame apparatus of claim 1, wherein the localized area of the body (104) contacts the frame (102), when the localized load is sufficient to overcome the gap.

Regarding claims 3 and 12, Sutton et al. disclose the body-on-frame apparatus of claim 1, further comprising a load bearing structure (109) operatively attached to the localized area (104) of the body for applying the operating load to the localized area.

Regarding claims 6 and 15, Sutton et al. disclose the body-on-frame apparatus of claim 3, wherein: the frame (102) includes an upper surface (102H) thereof adapted for contact by the localized area (104) of the body; and the body includes a lower surface (104F) thereof defining the localized area (104) of the body.

Regarding claim 19, Shibata discloses a method for constructing a body-on-frame vehicle, the method comprising: fabricating (inherent to the structure including a body) a vehicle body (12,104) including a localized area (104) that is substantially vertically deflectable (column 4, lines 29-31) by an operating load applied to the localized area, when the body (12) is attached to a frame (14,102) in a spaced relationship thereto; and attaching (inherent to the structure) the vehicle body to a frame (14,102) in such a manner that the localized area (104) of the body forms a localized substantially vertical gap (Fig. 5) between the frame (102) and the localized area (104) of the body, when the body is mounted on the frame in a spaced relationship thereto, that closes (column 4, lines 29-31) and allows the localized area (104) of the body to contact the frame (102) for resisting further localized downward deflection of the localized area of the body when the operating load is applied to the localized area of the body.

Art Unit: 3612

Allowable Subject Matter

3. Claims 4, 5, 7, 8, 9, 13, 14 and 16-18 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

4. Applicant's arguments with respect to claims 1-10 and 12-19 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

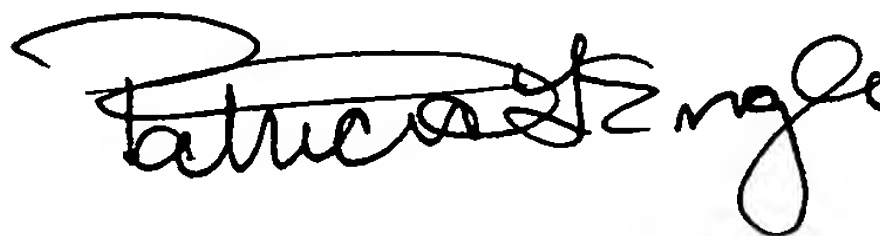
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patricia L Engle whose telephone number is (703) 306-5777. The examiner can normally be reached on Monday - Friday from 8:00 to 4:00.

Art Unit: 3612

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, D. Glenn Dayoan can be reached on (703) 308-3102. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patricia L Engle
Examiner
Art Unit 3612

A handwritten signature in black ink, appearing to read "Patricia L Engle", with a large, stylized initial "P" and a long, sweeping underline.

ple
September 17, 2004